

Name: _____ Date: _____ Period: _____

HOMework

Lesson: **Combine Like Terms – Distributive Property**

$$a \cdot (b + c) = a \cdot b + a \cdot c$$

$$a \cdot (b - c) = a \cdot b - a \cdot c$$

Exercises:

1. $-x + 5 + 3x - (-5x) - 2$	6. $7(x + 3) + 5(-3 + 2x)$
2. $4(3x - 5)$	7. $6x + 7xy + 3x(2y - 5)$
3. $-3(4x + 5y) + 2(8x - 2y) - 4$	8. $-2[3(x - 1)] + 2(-x - 3)$
4. $4(x^2 + 2x) - x(x - 3)$	9. $xy(3x - 5) - 2y(y + 7x)$

